

WHAT IS CLAIMED IS:

1. A method for enhancing persistence of a message, the method comprising:
browsing an inbound queue to identify the message;
copying the message to a working queue, the working queue being persisted by a queue
5 manager, to persist the message before the message is removed from the inbound
queue; and
processing the message to generate a reply prior to removing the message from the
working queue.
2. The method of claim 1, further comprising removing the message from the working
10 queue after storing the reply in an outbound queue.
3. The method of claim 1, further comprising restoring the message in the working queue
after a system failure.
4. The method of claim 1, further comprising determining that the message is persisted prior
to removing the message from the inbound queue.
- 15 5. The method of claim 1, wherein browsing comprises searching the working queue for the
message, wherein the message is waiting to be processed.
6. The method of claim 1, wherein browsing comprises locking the message until the
message is copied to the working queue.
7. The method of claim 1, wherein processing comprises assigning the message to a thread,
20 the thread being available to process the message.
8. The method of claim 1, wherein processing comprises transmitting a second message to
request data indicated by a content of the message and generating the reply based upon
data received in response to the second message.

9. An apparatus for enhancing persistence of a message, the apparatus comprising:
an inbound queue to receive the message from a requestor;
a working queue to store the message;
a queue manager to persist the message from the working queue before the message is
5 removed from the inbound queue; and
a dispatcher to browse the inbound queue to identify the message, copy the message to
the working queue, remove the message from the inbound queue after the
message is persisted from the working queue, and assign a thread to process the
message, generating a reply in response to the message.
- 10 10. The apparatus of claim 9, further comprising an outbound queue to store the reply until
the reply is transmitted to the requestor.
11. The apparatus of claim 10, wherein the queue manager is configured to persist the
message from the inbound queue and the reply from the outbound queue.
12. The apparatus of claim 9, wherein the dispatcher comprises a persistence determiner
15 coupled with the queue manager to determine that the message is persisted prior to
removing the message from the inbound queue.
13. The apparatus of claim 9, wherein the dispatcher comprises a queue searcher to identify
the message to be processed.
14. The apparatus of claim 9, wherein the dispatcher comprises a message locker to lock the
20 message, until the message is copied into the working queue.
15. The apparatus of claim 9, wherein the dispatcher comprises recovery logic to assign the
thread to process the message after a system failure.
16. The apparatus of claim 9, wherein the thread is configured to process the message based
upon a rule associated with the message.

17. A machine-accessible medium containing instructions, which when executed by a machine, cause said machine to perform operations, comprising:

browsing an inbound queue to identify a message;

copying the message to a working queue, the working queue being persisted by a queue

5 manager, to persist the message before the message is removed from the inbound queue; and

processing the message to generate a reply prior to removing the message from the working queue.

10 18. The machine-accessible medium of claim 17, wherein the operations further comprise removing the message from the working queue after storing the reply in an outbound queue.

19. The machine-accessible medium of claim 17, wherein the operations further comprise restoring the message in the working queue after a system failure.

15 20. The machine-accessible medium of claim 17, wherein browsing comprises selecting a set of messages, the message being part of the set.